



ESCO-Labor AG
 Lörracherstrasse 50
 CH – 4125 Riehen
 Switzerland

New in the ESCO-Labor processing plant family:

EL10 – PHARMA and EL20 – PHARMA



The new **ESCO – PHARMA** suits the highest pharmaceutical demands in research, scale up and small production.

- Polished 0.5 microns for all parts in contact with the product with certificate
- Polished 0.8 microns for all parts not in contact with the product with certificate
- Temperature and vacuum controller
- Membrane valves with sterile clamp connections
- All seals with FDA-certificate
- All stainless steel in contact with product with certificate
- 4 – 20 mA signals for speeds, temperature product, temperature jacket and pressure/vacuum for monitoring the actual rates
- Dead space free piston outlet valve
- Stainless steel control panel fitted on the frame

Options:

- Monitoring software for data logging with serial interface RS 232 / 485
- PH- and torque control
- Factory acceptance test certification
- Installation qualification
- Operational qualification

For more information about the ESCO-Labor company, our products and sales agents go to www.escolabor.ch.

Technical data of the EL10 - PHARMA & EL20 - PHARMA

Specifications	EL10 - PHARMA	EL20 - PHARMA
Total volume	12l	20 l
Net capacity	9l	18 l
Material in contact with product	316L	316L
Double jacket	yes	yes
Heating 3000 W	yes	yes
Temp. control	yes	yes
Vacuum control	yes	yes
Container tilting	yes	yes
Scraper RPM	10-100	10-75
Power	0.55 kW	0.55 kW
Homogeniser RPM	500-8500	500-8500
Power	1.1kW	1.1kW
Diameter of Rotor (21.4m/sec)	48mm	48mm
Voltage	3x400	3x400
Dimensions in mm	~ 1100x700x1050	~ 1100x700x1150
Weight in Kg	95	115